

MULTIPLEXING OF PHYSICAL CHANNELS ON THE UPLINK

ABSTRACT OF THE DISCLOSURE

In a method for multiplexing information from a plurality of physical channels for uplink transmission, information on the plurality of physical channels may be subject to code multiplexing to generate a code-multiplexed signal for uplink transmission. The code multiplexing may include subjecting the information on the physical channels to a channelization operation. Information from at least one of the physical channels may be serial-to-parallel converted and mapped to one or both of a first branch and a second branch for the channelization operation.